Veterinary Science Technology
Program Handbook

Academic Year 2021 - 2022

Welcome to the Veterinary Science Technology program at the State University of New York at Delhi. This handbook has been developed to familiarize you with materials pertinent to the program and the profession. Please read this handbook carefully and address any questions to your advisor or the department chair. In addition, please familiarize yourself with the SUNY Delhi Student Handbook and college catalog.

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Veterinary Science Technology at SUNY Delhi

Delhi's Veterinary Science Technology (VST) program, established in 1961, was the first of its type in the United States. Since its inception, it has developed into a dynamic, nationally recognized program. The program has been fully accredited by the American Veterinary Medical Association (AVMA) since 1975.

The program is designed to meet existing demands for technical personnel in the veterinary and biomedical fields. Extensive laboratory facilities, versatile faculty and staff, on-campus hands-on experiences with companion, laboratory, production, and other animals are major assets of the Delhi VST program. A required preceptorship (work experience in a veterinary practice, animal research facility, or approved animal facility) provides an applied learning opportunity to enhance students' skills and employment potential.

Mission Statement

As the premiere veterinary technology program in the US, SUNY Delhi Veterinary Science produces outstanding technicians and technologists. We strive to instill a passion for lifelong learning by exploring the diversity of our profession. We seek to enhance students' comprehension of veterinary medicine and nursing through innovative technology, applied learning and compassionate service.

Vision Statement

First and Finest in the Nation.

Veterinary Science Technology - AAS (Associates Degree)

The Profession

The Veterinary Science Technology program provides students with a broad theoretical background and excellent technical skills essential for careers as veterinary technicians and/or laboratory animal technicians.

Students will receive an AAS degree upon successful completion of the curriculum and will be eligible to sit for the Veterinary Technician National Examination (VTNE). Successful completion of the VTNE enables a graduate to become license eligible as a veterinary technician (LVT) in New York State and in most U.S. states. The program is designed to be completed in two years, but the curriculum may be modified based on the academic preparedness or desires of the applicant.

Veterinary Technician

Licensed veterinary technicians (LVTs) are employed by veterinarians in small, large, mixed animal practices and related facilities (eg. Humane societies). The LVT's role is comparable to that of the registered nurse and other medical technicians in human medicine. Their professional duties may include, but are not limited to, surgical and medical nursing, laboratory testing, and radiographic procedures under the supervision of licensed veterinarians. LVTs may also practice in veterinary and technical colleges, zoos, public health services, government, military service, private industry and other animal science-related fields. The program also provides opportunities to participate in continuing education for Veterinary Technicians.

Laboratory Animal Technician

Additional career opportunities are available to LVT's with the biomedical industry, medical, dental, and veterinary colleges, and diagnostic laboratories. Under the direction of veterinarians or research scientists, these LVT's may have responsibility for animal health and husbandry, investigative procedures, pharmaceutical testing, administrative, and related duties. With additional professional experience, graduates who complete advanced laboratory animal courses are eligible to take the American Association for Laboratory Animal Science Certification examination. The program provides opportunities for continuing education for laboratory animal technicians.

Terminology

Veterinarian*:* A person with the degree Doctor of Veterinary Medicine (DVM or VMD). In the USA all veterinary colleges take four years of full time study to complete the DVM or VMD degree. This follows four years of a pre-veterinary program in which the student may be awarded a Bachelors degree. In New York, only persons licensed by the state may practice veterinary medicine.

Veterinary Technician*:* A person who has graduated from a two year AVMA accredited college program in veterinary technology. In New York, only persons licensed by the state may call themselves veterinary technicians (LVT). The curriculum for veterinary technology is very applied and designed to educate technicians. It is NOT a pre-vet program.

Veterinary Technologist: A person who has graduated from a four year AVMA accredited college program in veterinary technology. Technologists are trained to recognize reasoning behind various tasks as well as how to perform a procedure. The following two years of training apply advanced knowledge acquired in upper level courses and electives in advanced veterinary clinical skills, laboratory animal science, and public health.

***Veterinary Assistant/ Animal Care Assistant**:* or other terms are used to describe other members of the health care team with less formal or applied education than a technician.

Veterinary Science Technology AAS and BS Program Objectives

A graduate of the Veterinary Science Technology AAS program should be able to:

- Obtain licensure after successfully completing the Veterinary Technician National Exam
- Demonstrate proficiency in the essential and recommended skills task list developed by the AVMA CVTEA
- Communicate medical and financial information to the public, clients and colleagues through effective verbal and written means
- Anticipate, identify, evaluate and prioritize the needs of patients, clients, and coworkers using critical-thinking skills to respond appropriately and solve problems in discipline-specific situations
- Apply advanced knowledge acquired in upper level courses and electives in advanced veterinary clinical skills, laboratory animal science, and public health

Admission Standards

Enrollment in the Veterinary Technology Program is based on a matrix evaluating the applicant's:

- High school GPA (at least 75 High School GPA with a Regents Diploma)
- Highest Math Regents Score
- Biology Regents Score
- English Regents Score
- BOCES Vet Tech graduate or Exposure to veterinary practice
- ACT or SAT scores (SAT scores with a combined reading/writing and math score of 980 or composite ACT Score of 19)
- Completed Coursework in Algebra, Geometry, Algebra 2/Trigonometry and Biology (Living Environment);
- Strength of Schedule (Chemistry Strongly Recommended, Advanced Math courses, etc.)
- Additional information (personal and professional experience, etc.)

Because of the volume of scientific literature which is required in veterinary science education, the student should have above-average reading and writing skills.

All applicants are strongly encouraged to participate in, volunteer, or work in veterinary clinics, laboratory animal or similar animal-oriented facilities (i.e. humane societies, zoos, farms etc.).

Courses to be transferred in from another college are evaluated on an individual basis for content and compatibility with Delhi College courses. The prospective student will be required to provide supportive material to demonstrate equivalency to Delhi courses to the satisfaction of the Delhi faculty. The College reserves the right to test transfer applicants to demonstrate compatibility of courses and knowledge.

Some required Veterinary Science Technology courses may be challenged by an enrolled student if that student has adequate qualifications to do so. Individual courses may have requirements which prohibit challenge.

If a candidate is deficient in any one of the above requirements;

- May be accepted after showing proof of progress towards satisfying the deficiency
- By retaking the appropriate Regents exam
- Or be accepted into Liberal Arts and then apply to the Veterinary Science Technology and as internal transfer. An application is due to the VST Program by Dec 1 of your first semester

If a candidate does not satisfactorily complete the VST admissions deficiency before enrolling at Delhi, they will be admitted as a Liberal Arts major. They must identify their desire to transfer into the VST Program with the VST Program Director and complete a minimum of 12 college credit hours per semester with pre-requisite courses advised by the student's advisor or the Liberal Arts Division Office.

A student may then be accepted as an internal transfer applicant into the VST program the **following fall** semester provided satisfactory completion of the required VST internal application (due to the VST Division Office the first week in December) including pre-requisite courses and a **cumulative** GPA of at least 3.0 for the academic year. See VST Transfer Policy below.

- A 3.0 cumulative GPA in college level courses (100 level and above)
- A minimum of 12 collegiate credits including completion of college-level **Biology** (with lab/4 credits), **Chemistry** (with lab/4 credits), **Math** (3 credits), **and English** (3 credits) **all with a grade of B or above. The remaining courses require a grade of C or better**

Veterinary Science Technology Transfer Policy

Students requesting admission to the Veterinary Technology program will be considered for acceptance as a "Transfer Student" if they have successfully completed at least 12

college credits which may be accepted and satisfy course requirements for completion of the AAS degree in Veterinary Science Technology. In order to be accepted into the VST program as a transfer student (from another division/major at SUNY-Delhi or from another academic institution), the following criteria must be met:

- A student must have a cumulative GPA **>3.0** with a minimum of 12 college credits (in level 100 or above courses).

- Completion of College-Level Biology, College Algebra, and Freshman Composition with a B or above

- Transfer courses which satisfy program Liberal Arts and Science requirements (excluding those listed above) must have a grade of C or better.

- Transfer courses which satisfy program Veterinary Technology course requirements must have been taken at an AVMA accredited Veterinary Technology program, have a grade of C+ or better, and be approved by the instructor of the equivalent course, the Program Director or both.

- A student's high school record may need to be reviewed if an external transfer candidate did not complete college level biology, chemistry, or math courses which are applicable to the program requirements.

A maximum of one-half of the total Veterinary Science Technology credit hours may be transferred to Delhi College from other AVMA-accredited Veterinary Technology programs, whether on-site or distance learning. All degree students must earn thirty (32) or more credit hours of coursework under the direct supervision of the faculty of Delhi College. Please be aware that transfer students requiring Financial Aid may have difficulty reaching 12 credits toward their major. Please follow up with your academic advisor and Financial Aid.

Course Advancement Policy for Veterinary Technology Students

For all VETS classes, including BIOL218 Animal Anatomy and Physiology, grades will be given according to the following schedule:

Letter Grade	**Numerical Grade**
A	92 or greater
A-	90 – 91.9
B+	87 – 89.9
B	82 – 86.9
B-	80 – 81.9
C+	75 – 79.9
C	72 – 74.9

C-	70 – 71.9
D+	67 – 69.9
D	62 – 66.9
D-	60 – 61.9
F	less than 60

Requirements for Current SUNY-Delhi VST Students to Remain in the Program:

A successful grade for students in the VST Program is defined below:

- For all required Liberal Arts courses and all 100 level VETS courses a grade of "C" or higher is required.
- For all 200 level VETS courses a grade of "C+" or higher is required.
- For all required non VETS courses (i.e. BIOL 218, BIOL 230) a grade of "C" or higher is required.

Individual courses (for example VETS 115 Medical Math) may have standards which **exceed** the minimum passing grade requirements listed above – any variation from the definition above would be outlined in the course syllabus.

Successful completion of ALL prerequisite courses is required to enroll in subsequent program courses, as stated in program course descriptions, to allow a student to advance in the program.

A student who receives an un-successful grade in **3 or more** cumulative required courses (in one or multiple courses) will not progress in the Vet Sci Program. Be advised, an unsuccessful grade in Sessions A or B of Medical Math counts towards this total. The student will be advised into Liberal Arts and Sciences- Individual Studies (unless they choose otherwise) and will be required to petition for readmission back into in the Vet Sci program. In order to successfully petition, the student must ***either****:*

- Be a full-time student (12 credits) for a minimum of one semester with a 3.0 semester GPA (**including completion of both College-Level Science and Math courses with a B or above**).

OR

- Must work/volunteer in a clinical veterinary setting for a minimum of 160 hours and provide a reference letter from that facility along with the petition.

The petition should include:

- A *dated* letter to the Program explaining what happened and what your plan is for the future
- A completed Change of Major form

All completed petitions are due to the Vet Sci Program Manager by week 14 of the semester in which they are petitioning. All petitions will be reviewed by the Department on a case by case basis. Results will be communicated after all final grades or official transcripts have been received. If readmitted to the Veterinary Technology Program, any **additional unsuccessful grade** will result in permanent removal from the program.

Failure to advance in the natural progression of classes may affect a student's financial aid or on-campus housing eligibility. Please consult with your academic advisor, student financial services, and residence life to determine any impact.

Academic Probation Restrictions for Veterinary Technology Students:

Veterinary Technology students whose cumulative GPA is less than 2.00 will be placed on Academic Probation and must abide by the restrictions outlined in the College's academic policies: https://www.delhi.edu/academics/provost/probation/index.php

Being on academic probation may affect a student's financial aid or on-campus housing eligibility. Please consult with your academic advisor, student financial services, and residence life to determine any impact.

Academic Dismissal for Veterinary Technology Students:

Veterinary Technology students who may be academically dismissed from the college per SUNY Delhi Academic Policies Handbook and the Academic Standing Committee will be removed from the Veterinary Science program. Details about the appeal process can be found at http://www.delhi.edu/academics/provost/dismissal/index.php

Task List

The American Veterinary Medical Association's Committee on Veterinary Technician Education and Activities (CVTEA) has established a list of essential skills that are required to be completed by veterinary technology students prior to graduation. The skills will be distributed amongst the veterinary technology program required courses and must be successfully completed before a passing grade is awarded in that particular course. Students are to be prepared to perform these tasks upon instructor request.

Student Standards

Accountability: Each Delhi veterinary science technology student is expected to act professionally and be accountable for their own actions. You are expected to attend class. If you miss a class meeting for any reason (excused or unexcused) you will be held responsible for all material covered and announcements made in class.

Professional Behavior: Students are expected to exhibit professional conduct in all academic endeavors, interactions and experiences. Veterinary Technology is a licensed profession requiring a high standard of behavior. Professionals are invested with trust by the community, therefore, we are bound by legal, ethical and moral obligations in addition to those common to every other member of society. Veterinary Technicians not only represent the facility in which they work, they are also entrusted with the care of client pets/animals. They also have access to drugs, needles, syringes and supplies illegal to non-licensed personnel. Student affiliation/membership with unrecognized or banned social organizations may be cause for removal from the Veterinary Technology Program.

Therefore:

1. Knowledge of and adherence to a professional standard of behavior is an integral part of the Veterinary Technology curriculum.
2. The program requires that all students act professionally at all times. Condoning unprofessional behaviors by others is also a violation of ethical conduct. Students will be expected to speak and act professionally at all times as if they were in a professional workplace.
3. College policies on academic integrity are strictly enforced and violations of professional standards may result in penalties ranging from failing grade to expulsion from the program. Violations include, but are not limited to cheating, plagiarism, theft, or aggressive words or actions.
4. Destruction of equipment, misuse of supplies and poor or inhumane treatment of animals may result in dismissal from the program. Students may not initiate any treatment or procedure to any animal without authorization of a veterinarian.
5. Any use of images or recordings of SUNY-Delhi laboratories, animal facilities, or animals OR any posts to social media internet sites (Facebook, Twitter, etc) must have written approval by your instructor or by the facility manager prior to posting.

Dress: The second floor of Farnsworth Hall is dedicated solely to the Veterinary Technology program. To maintain a safe and clean environment for people as well as our animals, the following regulations apply to all students and personnel when they are on the second floor of Farnsworth Hall:

- Wear shoes that completely cover the feet. Non-skid shoes are recommended. Open toe shoes or sandals are prohibited.
- Wear either a lab coat over clothes or surgical scrubs. Pants must completely cover the legs. Skirts and dresses are discouraged unless required for religious reasons.
- All hair that is shoulder length or longer should be confined behind the head during any lab or when handling animals.
- All nails should be no longer than the tips of your fingers to avoid injury to animals. No artificial nails should be worn due to health concerns with pathogens.
- Stud earrings may be worn; no loop or long dangling earrings or necklaces may be worn at any time.
- No facial jewelry (i.e. eyebrow, nose, lip, etc.) will be worn to avoid injury from animals.
- Each student must maintain a professional appearance at all times including clean hair and clothing and exemplary personal hygiene.

Attire at the Large Animal Teaching facility is important to prevent disease transmission as well as personnel safety. While at the Large Animal Teaching facility the following attire is required:

- Rubber washable boots must be worn. Work boots with rubber over boots preferred.
- Coveralls that completely cover street clothing.
- All hair that is shoulder length or longer should be confined behind the head during any lab or when handling animals.
- All nails should be no longer than the tips of your fingers to avoid injury to animals. No artificial nails should be worn due to health concerns with pathogens.
- Stud earrings may be worn; no loop or long dangling earrings or necklaces may be worn at any time.
- No facial jewelry (i.e. eyebrow, nose, lip, etc.) will be worn to avoid injury from animals.
- Each student must maintain a professional appearance at all times including clean hair and clothing and exemplary personal hygiene.

Student Animals: No privately owned animals are allowed in any building on campus unless prior written permission has been granted by veterinary technology staff or appropriate personnel. There are no exceptions.

Health Concerns

Accident/ Injury: Students who are injured during class or laboratory activities must notify their instructor immediately and an Accident Report must be completed with the Facility Manager. Depending on the nature of the injury the student will be referred to the college health center, the hospital emergency department or the student's health care provider. Students should take universal precautions to avoid exposure to any blood or body fluid.

Pregnancy: Students who are pregnant or think they might be pregnant must consult with their personal physician to determine if they should defer the program or if modifications in laboratory involvement may be necessary. In addition the student must notify the department chair immediately.

Rabies Immunization Requirement:

The Veterinary Science Department feels that requiring all students to be vaccinated against rabies is essential for several reasons. Rabies is a serious viral disease, there is close to a 100% mortality rate in people or animals that contract this disease. In many cases, Veterinary Technology students may come in contact with animals that may not have been vaccinated against rabies or that have unknown vaccination histories. This is often true in the case of animals from shelters. Most veterinary practices that allow students to perform their preceptorships with them require that students be vaccinated.

The rabies vaccination consists of three shot series given during three week time span. The SUNY Delhi Health Center will order and administer these vaccines to you for

only the cost of the vaccine, if you would like. This vaccine series (all 3 shots) will cost approximately $900-1000, depending on the current price for the vaccine. We have arranged to have this cost added to your student bill for the spring semester so that it can be covered by financial aid if you are eligible. Please note the student insurance plan, like many others, will not cover this vaccine series. Completion of the vaccination series will be a requirement for the Preceptorship Prep Spring course and failure to complete the series will hinder your ability to advance in the Vet Tech Program or participate in preceptorship experiences.

You have other options to obtain the vaccination series but it will require some advance planning to determine what works best for you. If you are currently covered by health insurance you may want to look into whether your current insurance will cover the rabies vaccination. You may be able to complete the series through your own health care provider or your local county health department. If you have already received the series or if you will be receiving them from a private provider, our health office will require proof of the completed vaccine series prior to May 1 of your second semester in the program. This information must include product type, route of administration, dose, and dates of the series.

Failure to complete the vaccine series by May 1 of the second semester, prior to your preceptorship, may result in you being dropped from the program.

Technical Standards for Admission, Progression and Graduation

The list of technical standards is for you to use to become aware and informed of the skills required in the performance of duties of a veterinary technician and to assess your ability to complete such duties. These technical standards reflect performance abilities and characteristics that are necessary to successfully complete the requirements of the Veterinary Science Technology program at SUNY Delhi. These standards are not conditions of admission to the program. Persons interested in applying for admission to the program should review this form to develop a better understanding of the skills, abilities and behavioral expectations necessary to successfully complete the program. The College complies with the requirements and spirit of Section 504 of the Rehabilitation Act and the Americans with Disabilities Act of 1990. Therefore, the College will endeavor to make reasonable accommodations for participants with disabilities who are otherwise qualified.

For a complete list of technical standards please visit:
https://catalog.delhi.edu/preview_program.php?catoid=4&poid=319&returnto=61

Essential Job Requirements of the Veterinary Technician

Individuals pursuing a career in veterinary technology must take into considerations the job requirements that person must fulfill. If a person is not able to perform these essential job requirements they are encouraged to seek another career better suited for their abilities.

Summary of Essential Job Requirements of the Veterinary Technician
(Including but not limited to the following)

1. Personality suited to exhibit respect, concern, and compassion for both animals and humans

2. Possess the capacity to make independent decisions, work unsupervised, be creative, adaptable, and resourceful. Believe in the highest standards of care and uphold the values of personal responsibility, honesty, integrity, ethical behavior, trust and professionalism.

3. Ability to tolerate walking and standing for sustained and prolonged periods of time (85% of workday).

4. Capable of lifting from floor to waist level and/or carrying up to forty pounds unassisted frequently, and up to fifty pounds or more with assistance occasionally.

5. Ability to bend over at the waist, twist the trunk, squat, kneel, reach above the head, and have sufficient grip strength. Have the body size, conformation, and fitness to do the physical work required of a technician.

6. Amenable to learning to safely handle, restrain, and work with any species of domestic and exotic animals that may be sick, injured, fractious, or aggressive without fear.

7. Willingness to assist with or perform a wide variety of routine medical, surgical, and diagnostic procedures common to the veterinary setting including humane euthanasia.

8. Open to performing routine cleaning and janitorial duties including using brooms, brushes, hoses and various cleaning products (detergents, disinfectants).

9. Understanding of the requirement to work with and around dangerous animals, hazardous chemicals, compressed gasses, pharmaceuticals, sharp objects, radiation, and biohazards.

10. Aptitude for science requiring attention to detail, careful observation and accurate record keeping.

11. Capacity to perform arithmetic and simple mathematical calculations. Capable of learning to operate and maintain a variety of medical diagnostic and therapeutic equipment.

12. Communicate effectively and efficiently with others in order to elicit information. Communication includes not only speech but also reading and writing.

13. Capacities to read and hear, understand, and quickly execute complex verbal and written instructions given in English.

14. Possess eyesight capable of viewing small visual images, use a microscope and read instrumentation.

Summary of Environmental Working Conditions

Individuals pursuing a career in veterinary technology should also consider the environmental working conditions of the typical veterinary technician.

According to the Classification of Jobs Index, Directory of Occupational Titles, US Department of Labor, the environmental working conditions for the veterinary technician are as follows:

1. Works both indoors and outdoors in all weather conditions during both daylight and after dark, long hours, shift work, stressful and sometimes emotionally charged, fast-paced profession.

2. Capacity is that of a licensed veterinary medical professional. Daily interactions with doctors, other technicians, support staff, clients (people) and patients (animals).

3. Will assume many different roles during a workday (receptionist, technical assistant, nurse, kennel attendant, janitor, counselor, etc.) Interacts with an endless variety of people, animals and challenging clinical and interpersonal situations.

4. Frequent exposure to loud noises, odors, animal pain and suffering, invasive (bloody) medical, surgical and diagnostic procedures, dangerous animals, sharp objects, hazardous chemicals, compressed gasses, pharmaceuticals (including controlled substances), radiation and biohazards during the routine practice of veterinary medicine.

5. Constant exposure to animal hair, dander and many other potential allergens.

Veterinary Science Technology Curriculum Scenario

This is a sample curriculum scenario. Different scenarios may need to be developed based on individual student needs.

First Year

First Semester

Course No.	Course	Cr. Hrs.
BIOL 230	General Microbiology	4
MATH 128	College Algebra	3
VETS 115	Medical Math for Veterinary Technicians	1
VETS 120	Introduction to Veterinary Science	2
VETS 131	Small Animal Nursing and Care	2
VETS 104	Animal Care I	1
BIOL 218	Animal Anatomy and Physiology	4
	Total	**17**

Second Semester

Course No.	Course	Cr. Hrs.
ENGL 100	Freshman Composition	3
CHEM 120/180	Introductory to Chemistry or Gen Chem I	4
VETS 132	Large Animal Care	2
VETS 160	Introductory Research Animal Technology	3
VETS 171	Parasitology and Pathology	3
VETS 180	Clinical Physiology	2
VETS 198	Preceptorship (Internship) Preparation	1
	Total	**18**

Summer Session

Course No.	Course	Cr. Hrs.
VETS 183	Preceptorship I	1
VETS 203	Preceptorship II	1

Second Year

Third Semester

Course No.	Course	Cr. Hrs.
BUSI 120	Business Communications	3
VETS 204	Animal Care II	1
VETS 238	Surgical Nursing and Anesthesia Lecture	3
VETS 239	Surgical Nursing and Anesthesia Lab	1
VETS 245	Diagnostic Imagining	2
VETS 270	Nutrition	2 - 3
----------	Restricted Elective	1 - 3
	Total	**14 - 16**

Fourth Semester

Course No.	Course	Cr. Hrs.
VETS 205	Clinical Laboratory Techniques (Lecture)	3
VETS 210	Clinical Laboratory Techniques (Laboratory)	1
VETS 230	Farm Animal Nursing	2
VETS 235	Farm Animal Nursing Laboratory	1
VETS 250	Veterinary Clinical Management	3
VETS 255	Pharmacology and Animal Disease	3
VETS 242	Dentistry	1
	Total	**14**

TOTAL MINIMUM CREDIT FOR AAS **64**

Prerequisites for Required Courses

VETS Course #	Course Title	Course Prerequisites
104	Animal Care I	Enrollment on Veterinary Science Technology Program Corequisite with Small Animal Care
115	Medical Math for Veterinary Technicians	Enrollment in the Veterinary Science Technology Program
120	Intro. to Veterinary Science	None
131	Small Animal Care	Enrollment in the Veterinary Science Technology Program

132	Large Animal Care	Enrollment in the Veterinary Science Technology Program
BIOL 218	Animal Anatomy and Physiology	
		Enrollment in Veterinary Technology Program and High School Biology (C+ or better) and High School Chemistry (C+ or better) OR Enrollment in Veterinary Technology Program and Concurrent enrollment in college level Biology (BIOL 130) and/or College-level Chemistry (CHEM 120)
160	Introduction to Research Animal Techniques	VETS 115 Med Math or concurrent for Transfers VETS 120 Intro to Vet Sci VETS 131 Small Animal Care or concurrent enrollment VETS 132 Large Animal Care or concurrent BIOL 218 Animal Anatomy and Physiology
171	Veterinary Pathology and Parasitology	VETS 115 Medical Math VETS 120 Intro to Vet Sci BIOL 218 Animal Anatomy and Physiology
180	Clinical Physiology	VETS 120 Intro to Vet Sci VETS 131 Small Animal Care or concurrent enrollment VETS 132 Large Animal Care or concurrent enrollment BIOL 218 Animal Anatomy and Physiology

198	VST Preceptorship Prep	VETS 120 Intro to Vet Sci or concurrent VETS 115 Medical Math VETS 131 OR concurrent VETS 132 OR concurrent VETS 160 Research Animal Techniques or concurrent VETS 171 Veterinary Path/Parasit or concurrent VETS 180 Clinical Physiology or concurrent
183/203	Vet Tech Preceptorship I and II	VETS 115 Med Math VETS 131 Small Animal Care VETS 160 Research Animal Techniques VETS 171 Veterinary Parasitology VETS 180 Clinical Physiology VETS 198 Prep Vet Tech Preceptorship
204	Animal Care II	VETS 183 Preceptorship I
205 & 210	Clinical Laboratory Techniques (Lec and Lab)	VETS 115 Med Math VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 160 Research Animal Techniques VETS 171 Veterinary Parasitology VETS 180 Clinical Physiology CHEM 120 or 180 Intro or Gen Chem BIOL 230 Microbiology VETS 183 Preceptorship I VETS 205 and 210 are co-requisites
230 & 235	Farm Animal Nursing (Lec and Lab)	VETS 115 Med Math VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 171 Veterinary Parasitology BIOL 230 Microbiology

238 & 239	Surgical Nursing and Anesthesia (Lec and Lab)	VETS 115 Med Math VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 160 Research Animal Techniques VETS 171 Veterinary Parasitology VETS 180 Clinical Physiology BIOL 230 Microbiology CHEM 120 OR CHEM 180 VETS 183 Preceptorship I
242	Companion Animal Dentistry	VETS 183 Preceptorship I
245	Diagnostic Imaging	VETS 115 Med Math VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 160 Research Animal Techniques BIOL 218 Animal Anatomy and Physiology
250	Veterinary Clinical Management	VETS 115 Med Math VETS 120 Intro to Vet Sci VETS 131 Small Animal Care VETS 132 Large Animal Care BIOL 218 Animal Anatomy and Physiology
255	Pharmacology and Animal disease	VETS 115 Med Math VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 160 Research Animal Techniques VETS 171 Veterinary Parasitology VETS 180 Clinical Physiology CHEM 120 or 180 Intro or Gen Chem BIOL 230 Microbiology
270	Applied Clinical Nutrition	BIOL 218 Animal Anatomy and Physiology
	Elective Courses	
196	Advanced Equine Techniques	VETS 132 Large Animal Care

		BIOL 218 Animal Anatomy and Physiology
441	Advanced Surgical Nursing	VETS 239 Surgical Nursing and Anesthesia Lab AND permission of instructor
247	Exotic Medicine and Nursing	VETS 131 Small Animal Care VETS 132 Large Animal Care VETS 160 Research Animal Techniques or concurrent
294	Livestock Management	VETS 115, 131, 132, 171, 180, BIOL 218 and 230 or permission of the instructor
305	Introduction to Public Health (Online)	VETS 120 or permission of the Instructor
411	Preventative Medicine and Shelter Medicine	VETS 210 Clin Tech Lab with C+ or higher or concurrent enrollment AND permission of Instructor
422	Breeding Colony Management	VETS 160 Research Animal Techniques VETS 171,180, 198, 183 AND permission of Instructor
430	Advanced Farm animal Nursing and Disease	Enrollment in BS Veterinary Technology degree program or permission from instructor
481	Applied Primatology	VETS 160 Research Animal Techniques VETS 171,180, 198, 183 AND permission of Instructor

Transfer to Four Year Degree Program or SUNY Delhi VT Bachelors of Science

AAS VST enrolled students can choose to transfer into the B.S/ degree track after a year of successful coursework (cumulative GPA > or 3.0). The AAS in VST would also be conferred once those requirement are met. AAS graduates can participate Commencement activities and are eligible to sit for the VTNE.

SUNY Delhi Veterinary Science Technology Program
Safety and Health Concerns Within the Veterinary Science Technology Program

Working with animals always carries a risk of potential injury and exposure to zoonotic diseases. Due to the inherent hazards of working with animals and the procedures performed by veterinary technicians, students are expected to conduct themselves in a manner consistent with good safety practices. Working with animals of several species is a program requirement, and working in laboratories may pose certain medical, physical and chemical risks. Students will be performing laboratory procedures involving chemicals and specimens, and they should use caution and good laboratory practices when handling these items.

Students are reminded that pre-exposure rabies vaccination is **strongly recommended** in the Veterinary Technology Program and, should a student be injured by any animal during the course of her/his study, the student must immediately report the incident to her/his primary course instructor and may be directed to Student Health Services for treatment. If the student has not had a pre-exposure rabies vaccination and if the animal is a rabies suspect, further treatment including, but not necessarily limited to, post-exposure rabies vaccination may be required.

If any student is pregnant or plans to become pregnant during the course of the program, she is advised to consult with the primary course instructor(s) due to the use of anesthetic gases, exposure to zoonotic diseases, noxious chemicals and potential radiation exposure that may be experienced in laboratory courses.

Any student with further concerns should discuss possible risks with her/his personal physician, as well as with her/his advisor and the department chair, and identify limitations that may be needed.

I have completely read, fully understand, and voluntarily accept the risks involved in working with animals in the Veterinary Technology Program. I understand that individual course instructors may have additional safety and health concerns explained in their course syllabi, which must also be read and followed along with this policy. I understand that animals are unpredictable and unforeseen circumstances could occur which may result in personal injury, and I agree to assume these risks. I further agree to hold harmless the State University of New York College at Delhi, its officers, directors, agents, employees, instructors, and associates from any and all manner of actions or claims arising out of my participation in this Program and do hereby waive any claim to compensation based upon exposure to the situations discussed in the course of this document.

_____	_____	_____	_____	_____
Student Signature	Print Name	D.O.B.	Age	Date

_____	_____	_____
Faculty/Staff Signature	Print Name	Date

_____
Parent or guardian signature if student under eighteen years of age

Student Understanding
Veterinary Science Technology Program

As a student enrolled in the Veterinary Technology program at SUNY Delhi, and as of the date entered below,

I _____ understand the following:
(Print Your Name Here)

- Course Advancement Policy for Veterinary Technology Students
- Academic Probation Restrictions for Veterinary Technology Students
- Task List
- Student Standards including posting on social media
- Health Concerns
- Technical Standards for Admission, Progression and Graduation
- Prerequisites
- I will read and refer to the Veterinary Technology Program handbook as needed.

Signature: _____ Date: _____